

**Flood Control Project Maintenance
Levee Inspections**
LMA District Cover Sheet
Spring 2011 Levee Inspection Results

Reclamation District No. 0827 Elkhorn

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
* Overall LMA Rating (Fall Only)				

** Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

*
SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports.

Comments

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2011 Levee Inspection Results

Reclamation District No. 0827 Elkhorn

Waterway			Bank	Unit Miles
Unit No. 01 Sacramento River			Right	1.35
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	3/17/2011 - 3/17/2011			
DWR Inspector	John Williamson			
Accompanied By	Dan Ramos Ramco, RD 827			

Check one:

- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. We have found no changes in flood project conditions other than the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the enclosed report.
- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. In addition to the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the report, we have found the following changes in flood project conditions.

(In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition).

Comments

One of the boxes above is to be checked by the Local Maintaining Agency (LMA). If the second box is checked, additional information must also be submitted. This Unit Cover Sheet should be signed and dated by the LMA Representative and returned to DWR with any additional sheets by September 30 (Summer Inspection) or March 31 (Winter Inspection). Please retain a copy for your records. Please mail all of this information to :

DWR Summer/Winter Inspection Reports
3310 El Camino Avenue, Suite 200
Sacramento, CA 95821-9000

X

Signature of LMA Representative

Date

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

Reclamation District No. 0827 Elkhorn

Waterway							Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River							Right	1.35	03/17/2011 03/17/2011	John Williamson
LMR No.	Levee Mile		Category	Item	* Location	Rating *	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
1	0.03	0.03	Earthen Levee	Vegetation	WS	A	Control annual grass and weeds on the levee slopes and easements.	38.674767 ° -121.629949 °	38.674767 ° -121.629949 °	3 Y
2	0.10	0.10	Earthen Levee	Vegetation	LS	A	Control annual grass and weeds on the levee slopes and easements.	38.674116 ° -121.629109 °	38.674116 ° -121.629109 °	5 Y
3	0.23	0.36	Earthen Levee	Trim / Thin Trees	WS	W	Thin trees to allow visibility of the ground and room to flood fight.	38.672810 ° -121.627498 °	38.671600 ° -121.625840 °	2
4	0.29	0.29	Earthen Levee	Animal Control	LS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	38.672010 ° -121.626847 °	38.672010 ° -121.626847 °	15 Y
5	0.38	0.38	Earthen Levee	Encroachments	LS	C	Prunings	38.671171 ° -121.625794 °	38.671171 ° -121.625794 °	14
6	0.54	0.54	Earthen Levee	Trim / Thin Trees	LS	N	Tree stumps.	38.669445 ° -121.623574 °	38.669445 ° -121.623574 °	13
7	0.60	0.60	Earthen Levee	Encroachments	LS	C	Prunings	38.668816 ° -121.622774 °	38.668816 ° -121.622774 °	12
8	0.61	0.61	Earthen Levee	Trim / Thin Trees	LS	N	Tree stumps.	38.668665 ° -121.622584 °	38.668665 ° -121.622584 °	11
9	0.69	0.69	Earthen Levee	Trim / Thin Trees	LS	N	Tree stumps.	38.667856 ° -121.621558 °	38.667856 ° -121.621558 °	10
10	0.85	0.85	Earthen Levee	Trim / Thin Trees	LS	N	Tree stumps.	38.666262 ° -121.619546 °	38.666262 ° -121.619546 °	7
11	1.07	1.19	Earthen Levee	Vegetation	WS	W	Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Continue to make great progress with the use of chemicals and brush cutting. Still need to brush cut farther down the waterside slope.	38.664196 ° -121.616765 °	38.662856 ° -121.615347 °	4 Y

*** Location**

LS : Landside
WS : Waterside
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected/Rated
C : Corrected
W : Watch/Monitor

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

Reclamation District No. 0827 Elkhorn

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	1.35	03/17/2011 03/17/2011	John Williamson

Levee Mile Report Line	1
Start Levee Mile	0.03
End Levee Mile	0.03
Location	Water Side
Category	Earthen Levee
Item	Vegetation

The levee has been sprayed for vegetation.

johngw_s_20110321_391.jpg



Levee Mile Report Line	2
Start Levee Mile	0.10
End Levee Mile	0.10
Location	Land Side
Category	Earthen Levee
Item	Vegetation

The levee slope has been sprayed of vegetation.

johngw_s_20110321_393.jpg



Levee Mile Report Line	4
Start Levee Mile	0.29
End Levee Mile	0.29
Location	Land Side
Category	Earthen Levee
Item	Animal Control

Rodent burrows on the landside levee a large amount of material.

johngw_s_20110228_213.jpg



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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

Reclamation District No. 0827 Elkhorn

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	1.35	03/17/2011 03/17/2011	John Williamson

Levee Mile Report Line	4
Start Levee Mile	0.29
End Levee Mile	0.29
Location	Land Side
Category	Earthen Levee
Item	Animal Control
More rodents in the same area with large quantities of material excavated.	
johngw_s_20110228_214.jpg	



Levee Mile Report Line	11
Start Levee Mile	1.07
End Levee Mile	1.19
Location	Water Side
Category	Earthen Levee
Item	Vegetation
The vegetation needs to be trimmed.	
johngw_s_20110228_211.jpg	



Levee Mile Report Line	11
Start Levee Mile	1.07
End Levee Mile	1.19
Location	Water Side
Category	Earthen Levee
Item	Vegetation
The district has made great improvements in controlling the vegetation.	
johngw_s_20110321_392.jpg	

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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2011 Levee Inspection Results

Reclamation District No. 0827 Elkhorn

Waterway				Bank	Unit Miles
Unit No. 02 Yolo Bypass				Left	2.84
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)	
Unit Maintenance Rating (Fall Only)					
Date of Inspection	3/29/2011 - 3/29/2011				
DWR Inspector	John Williamson				
Accompanied By	Dan Ramos Ramco				

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Signature of LMA Representative

Date

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

Reclamation District No. 0827 Elkhorn

Waterway						Bank	Unit Miles	Inspection Start/End		Inspector
Unit No. 02 Yolo Bypass						Left	2.84	03/29/2011 03/29/2011		John Williamson
LMR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1	0.01	2.79	Earthen Levee	Vegetation	LS	W	Control annual grass and weeds on the levee slopes and easements.	38.676429 ° -121.642762 °	38.641637 ° -121.620703 °	3 Y
2	0.01	2.79	Earthen Levee	Vegetation	WS	W	Control annual grass and weeds on the levee slopes and easements.	38.676429 ° -121.642762 °	38.641636 ° -121.620703 °	2 Y
3	0.06	0.19	Earthen Levee	Vegetation	WS	W	Remove the wild growth other than native grasses from the levee slopes.	38.675931 ° -121.643039 °	38.673957 ° -121.642652 °	8 Y
4	0.11	0.11	Earthen Levee	Trim / Thin Trees	WS	N	Tree stumps.	38.675236 ° -121.642985 °	38.675236 ° -121.642985 °	4
5	0.27	0.51	Earthen Levee	Encroachments	LS	CO	Agricultural Ditch	38.673035 ° -121.642390 °	38.669597 ° -121.641600 °	1
6	0.38	0.65	Earthen Levee	Vegetation	LS	W	Remove the wild growth other than native grasses from the levee slopes.	38.671539 ° -121.642060 °	38.667704 ° -121.640449 °	9 Y
7	0.80	2.41	Earthen Levee	Crown Surface / Depressions / Rutting	CR	M	Add appropriate gravel or road base. Grade and compact.	38.665917 ° -121.639188 °	38.646564 ° -121.623705 °	6 Y

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Levee Inspection Report By Mile - Spring 2011

Reclamation District No. 0827 Elkhorn

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	2.84	03/29/2011 03/29/2011	John Williamson

Levee Mile Report Line	1
Start Levee Mile	0.01
End Levee Mile	2.79
Location	Land Side
Category	Earthen Levee
Item	Vegetation
The grasses on the landside complies with standards. Need to mow or burn before fall.	
johngw_s_20110329_401.jpg	



Levee Mile Report Line	2
Start Levee Mile	0.01
End Levee Mile	2.79
Location	Water Side
Category	Earthen Levee
Item	Vegetation
The grasses on the waterside complies with standards. Need to mow or burn before fall.	
johngw_s_20110329_402.jpg	



Levee Mile Report Line	3
Start Levee Mile	0.06
End Levee Mile	0.19
Location	Water Side
Category	Earthen Levee
Item	Vegetation
After the goats have gone through the area vegetation is under control.	
johngw_s_20110228_216.jpg	

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

Reclamation District No. 0827 Elkhorn

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	2.84	03/29/2011 03/29/2011	John Williamson

Levee Mile Report Line	6
Start Levee Mile	0.38
End Levee Mile	0.65
Location	Land Side
Category	Earthen Levee
Item	Vegetation

Photo of the landside slope after the goats have worked the area.

johngw_s_20110228_217.jpg



Levee Mile Report Line	7
Start Levee Mile	0.80
End Levee Mile	2.41
Location	Crown
Category	Earthen Levee
Item	Crown Surface / Depressions / Rutting

crown needs grading and AB added

johngw_s_20110228_215.jpg



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